

## **Activities of the GIS Division**

Planning-GIS uses powerful computer technology that displays and processes information geographically. GIS technology is used to produce the maps found in conference rooms and offices throughout the City. Planning-GIS assists the City staff in using GIS technology accurately and efficiently to analyze and communicate about issues of concern. Plan-GIS focuses on five areas:

- **Products**  
Produce maps, graphs, tables, images and applications using GIS data to support planning and operational functions.
- **Support**  
Support the use of GIS throughout the City and develop access to GIS through software and web based GIS products.
- **Data**  
Create and process GIS data for use by Planning users and for use in City maps and products.
- **Data Sharing**  
The GIS Division promotes GIS data sharing among government organizations in the region.
- **GIS Staff**  
Provide staff support for the Planning initiative. The types of projects that most often utilize the GIS Division's assistance include comprehensive planning, zoning, tourism planning, historic preservation planning and neighborhood planning.  
Specific projects accomplished by the GIS Division include: Parcel landuse mapping, Zoning mapping, Board of Adjustment mapping, Floodplain assessment mapping, Land use mapping -future and current, Historical mapping, Resource mapping, Various business and environmental modeling, Transportation analyses, Comprehensive planning mapping, Community Facilities mapping, Social, Economic, and Population mapping, Redistricting of Electoral boundaries, political boundary mapping, and use of Global Positioning System Data.